GGAATCGATTAGCCCTGCTAGTCGCACGGGTCTTAGACTCCGTAGGCATATAGCTCAGTAACACGTGGCCAAACTACCCTACAGACCGCGATAACCTCGGGAAACTGAGGCCAATAGCGGATATAACTCTCAGGCTGGAGTGCCGAGAGTTAGAAACGTTCCGGCGCTGTAGGATGTGGCTGCGGCCGATTAGGTAGATGGTGGGGTAACGGCCCACCATGCCGATAATCGGTACGGGTTGTTGGAGAGCAAGAACCCGGAGACGGTATCTGAGACAAGATACCGGGCCCTACGGGGCGCAGCAGGCGGGAAACCTTTACACTGCACGACAGTGCGATAGGGGGACTCCGAGTGTGAGGGCATATAGCCCTCGCTTTTCTGTACCGTAAGGTGGTACAGGAACAAGGACTGGGCAAGACCGGTGCCAGCCGCCGCGGTAATACCGGCAGTCCAAGTGATGGCCGATATTATTGGGCCTAAAGCGTCCGTAGCTTGCTGTGTAAGTCCGTTGGGAAATCGACCCGCTCAACGCGTCGGCGTCCAGCGGAAACTGTCCGGCTTGGGGCCGGAAGACTTGGGGGGTACGTCCGGGGTAGGAGTGAAATCCTGTAATCCTGGACGGACCACCAATGGGGAAACCACCTTGAGAAGCCGGACCCGACGGTGAGGGACGAAAGCCAGGGTCTCGAACCGGATTAGATACCCGGGTAGTCCTAGCTGTAAACGATGCTCGCTAGGTGTGCCGTAGGCCACGAGCATGCGATGCGCCGTAGGGAAGCCGAGAAGCGAGCCGCCTGGGAAGTACGTCTGCAAGGATGAAACTTAAAGGAATTGGCGGGGGAGCACCACAACCGGAGGAGCCTGCGGTTTAATTGGACTCAACGCCGGAAATCTCACCGGTCCCGACAGTAGTAATGACGGTCAGGTTGACGACTTTACCCGACGCTACTGAGAGGAGGTGCATGGCCGCCGTCAGCTCGTACCGTGAGGCGTCCTGTTAAGTCAGGCAACGAGCGAGACCCGCACTTCTAGTTGCCAGCAATACCCTTGAGGTAGTTGGGTACCCTAGGAGGACTGCCGCTGCTAAAGCGGAGGAAGGAACGGGCAACGGTAGGTCAGTATGCCCCGAATGGACCGGGCAACACGCGGGCTACAATGGCTCTGACAGTGGGATGCAACGCCGAGAGGCGACGCTAATCTCCAAACGGAGTCGTAGTTCGGATTGCGGGCTGAAACCCGCCCGCATGAAGCTGGATTCGGTAGTAATCGCGTGTCAGAAGCGCGCGGTGAATACGTCCCTGCTCCTTGCACACACCGCCCGTCAAAGCACCCGAGTGGGGTCCGGATGAGGCCGTCATGCGACGGTCGAATCCT

**Figure S1.** Full length of the 16S rRNA encoding gene from *Haloarcula* sp. HS, amplified with the archaeal specific primers 21F (5’-TTCCGGTTGATCCTGCCGGA-3’) and 1492R (5’-GGTTACCTTGTTACGACTT-3’). Polymerase chain reactions (PCR) were performed as indicated in Materials and Methods.